

Japanese Patent Gazette

No. 2796336/1998

The following is a partial English translation of exemplary portions of non-English language information that may be relevant to the issue of patentability of the claims of the present application.

[MEANS TO SOLVE THE PROBLEM]

In order to achieve an object of the present invention, the present invention adopts a photo sensor array in which photo-transistors are arranged two-dimensionally on a substrate.

To suppress an increase in crosstalk with an increase in the number of pixels, the present invention also adopts thin film transistors, each being provided for each pixel in addition to the foregoing phototransistors.

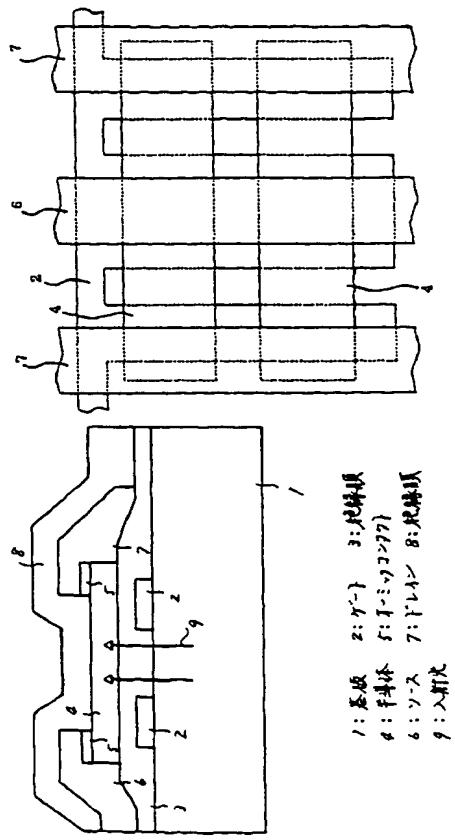
To realize a large area, high density and high speed sensor array, an amorphous silicon is adopted for a photosensitive section of the phototransistor and the thin film transistor.

To realize a thinner input device, a contact sensor system is adopted.

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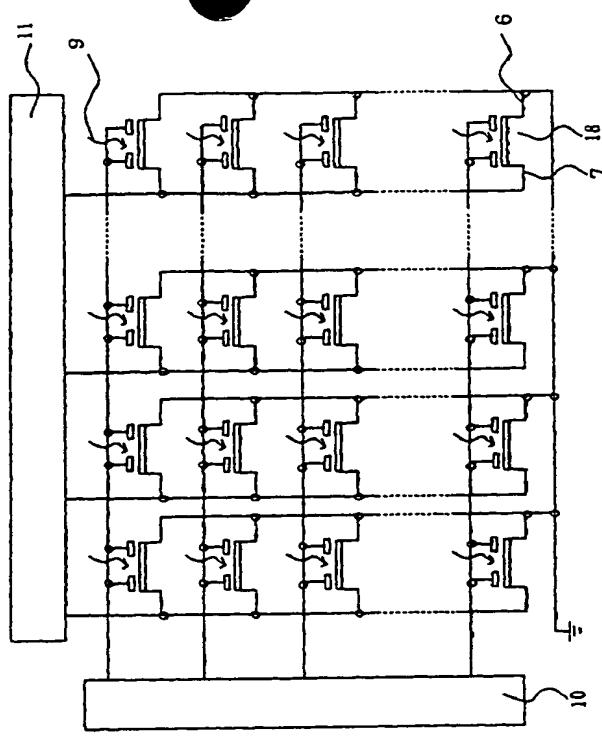
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[第1図 (b)]

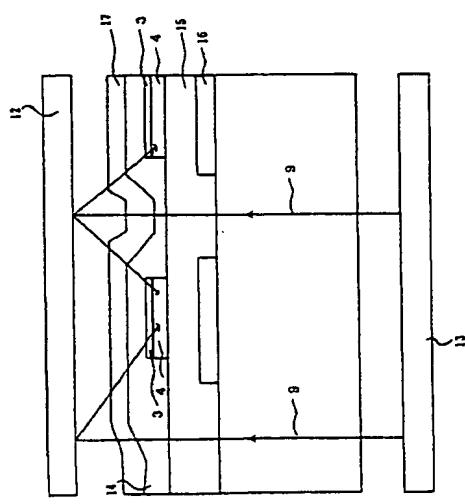


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[第1図 (c)]

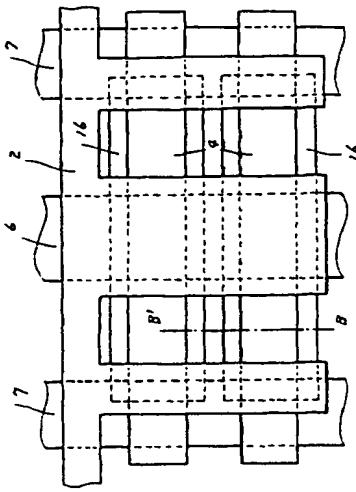


[第3図]



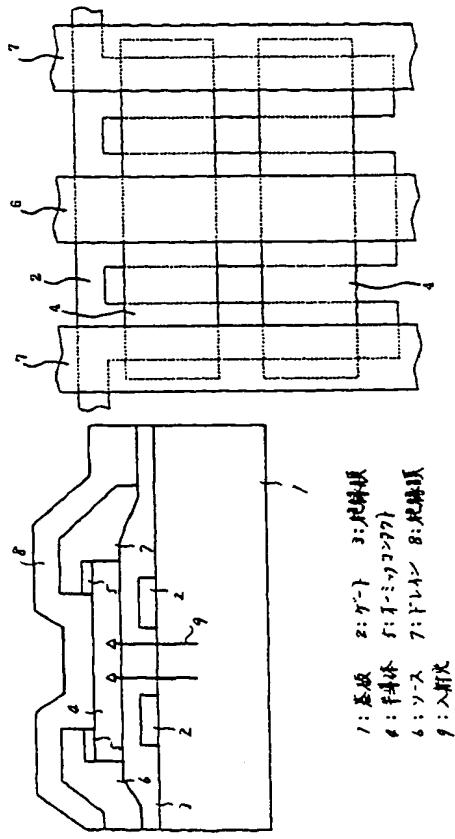
6...ソース
7...ドレイン
9...入射光
10...垂直走査回路
11...水平走査回路
12...ホトトランジスタ

[第4図]

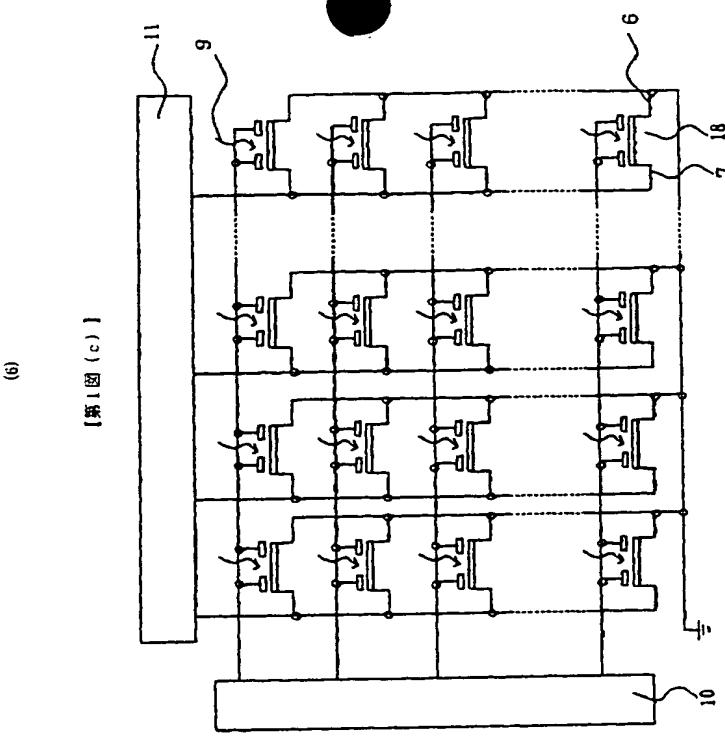


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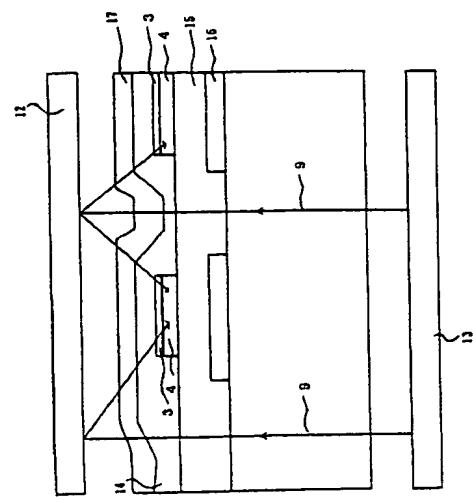
[第1図 (b)]



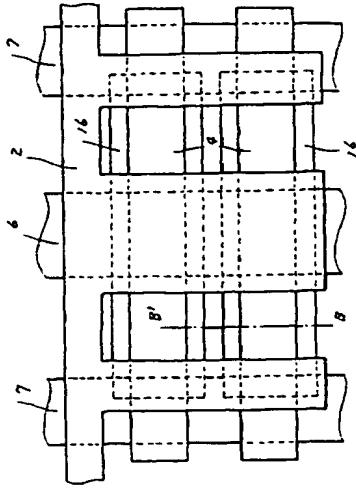
[第1図 (c)]



[第3図]

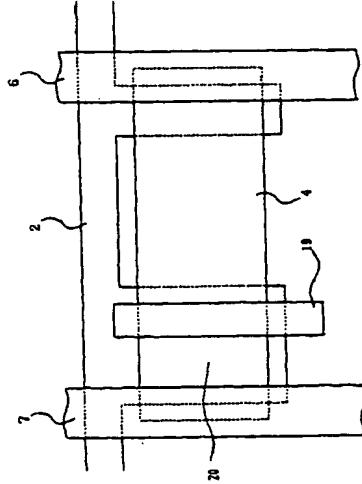


[第4図]

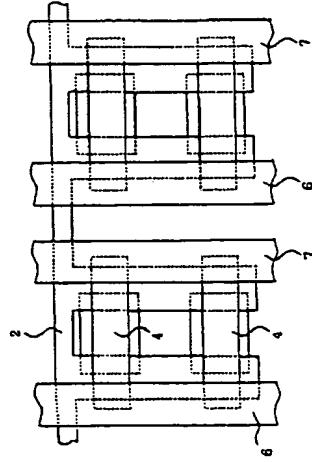


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[第9図]



[第10図]



フロントページの構造

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(56) 参考文献 特開昭59-158553 (JP, A)
特開昭60-64467 (JP, A)
特開昭62-149251 (JP, A)
特開昭63-232366 (JP, A)
特開昭57-72370 (JP, A)
実開平2-8056 (JP, U)

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